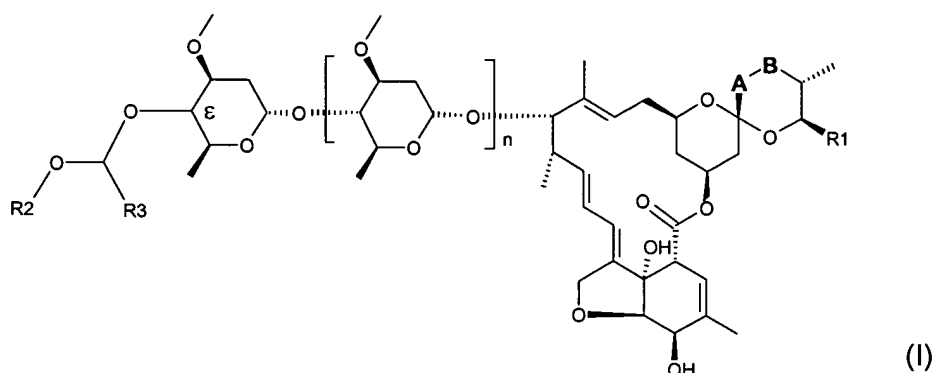


Claim 1. (Original): A compound of formula



wherein

n is 0 or 1;

A-B is $-\text{CH}=\text{CH}-$ or $-\text{CH}_2-\text{CH}_2-$;

R_1 is $\text{C}_1\text{-C}_{12}$ -alkyl, $\text{C}_3\text{-C}_8$ -cycloalkyl or $\text{C}_2\text{-C}_{12}$ -alkenyl;

R_2 is $\text{C}_1\text{-C}_{12}$ -alkyl, $\text{C}_2\text{-C}_{12}$ -alkenyl, $\text{C}_2\text{-C}_{12}$ -alkynyl; or $\text{C}_1\text{-C}_{12}$ -alkyl, $\text{C}_2\text{-C}_{12}$ -alkenyl or $\text{C}_2\text{-C}_{12}$ -alkynyl, which are substituted with one to five substituents selected from the group consisting of OH, halogen, CN, $-\text{N}_3$, $-\text{NO}_2$, $\text{C}_3\text{-C}_8$ -cycloalkyl which is optionally substituted with one to three $\text{C}_1\text{-C}_6$ -alkyl-groups, $\text{C}_3\text{-C}_8$ -cycloalkenyl which is optionally substituted with one to three $\text{C}_1\text{-C}_6$ -alkyl-groups, norbornylenyl-, $\text{C}_3\text{-C}_8$ -halocycloalkyl, $\text{C}_1\text{-C}_{12}$ -alkoxy, $\text{C}_1\text{-C}_6$ -alkoxy- $\text{C}_1\text{-C}_6$ -alkoxy, $\text{C}_3\text{-C}_8$ -cycloalkoxy, $\text{C}_1\text{-C}_{12}$ -haloalkoxy, $\text{C}_1\text{-C}_{12}$ -alkylthio, $\text{C}_3\text{-C}_8$ -cycloalkylthio, $\text{C}_1\text{-C}_{12}$ -haloalkylthio, $\text{C}_1\text{-C}_{12}$ -alkylsulfinyl, $\text{C}_3\text{-C}_8$ -cycloalkylsulfinyl, $\text{C}_1\text{-C}_{12}$ -haloalkylsulfinyl, $\text{C}_3\text{-C}_8$ -halocycloalkylsulfinyl, $\text{C}_1\text{-C}_{12}$ -alkylsulfonyl, $\text{C}_3\text{-C}_8$ -cycloalkylsulfonyl, $\text{C}_1\text{-C}_{12}$ -haloalkylsulfonyl, $\text{C}_3\text{-C}_8$ -halocycloalkylsulfonyl, $-\text{NR}_4\text{R}_6$, $-\text{X}-\text{C}(=\text{Y})-\text{R}_4$, $-\text{X}-\text{C}(=\text{Y})-\text{Z}-\text{R}_4$, $-\text{P}(=\text{O})(\text{OC}_1\text{-C}_6\text{-alkyl})_2$, aryl, heterocyclyl, aryloxy, arylthio and heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy, arylthio and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, Halogen, CN, NO_2 , $\text{C}_1\text{-C}_{12}$ -alkyl, $\text{C}_3\text{-C}_8$ -Cycloalkyl, $\text{C}_1\text{-C}_{12}$ -Haloalkyl, $\text{C}_1\text{-C}_{12}$ -alkoxy, $\text{C}_1\text{-C}_{12}$ -Haloalkoxy, $\text{C}_1\text{-C}_{12}$ -alkylthio, $\text{C}_1\text{-C}_{12}$ -haloalkylthio, $\text{C}_1\text{-C}_6$ -alkoxy- $\text{C}_1\text{-C}_6$ -alkyl, $\text{C}_2\text{-C}_8$ -alkenyl, $\text{C}_2\text{-C}_8$ -alkynyl, $\text{Si}(\text{C}_1\text{-C}_{12}\text{-alkyl})_3$, $-\text{X}-\text{C}(=\text{Y})-\text{R}_4$, $-\text{X}-\text{C}(=\text{Y})-\text{Z}-\text{R}_4$, aryl, aryloxy, heterocyclyl and heterocyclyloxy; or

R_2 is aryl, heterocyclyl $\text{C}_3\text{-C}_8$ -Cycloalkyl, $\text{C}_3\text{-C}_8$ -Cycloalkenyl; or aryl, heterocyclyl $\text{C}_3\text{-C}_8$ -Cycloalkyl or $\text{C}_3\text{-C}_8$ -Cycloalkenyl, which are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting

of OH, halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, dimethylamino-C₁-C₆-alkoxy, C₂-C₈-alkenyl, C₂-C₈-alkinyl, methylenedioxy, aryl, aryloxy, heterocyclyl and heterocyclyloxy;

R₃ is H, C₁-C₁₂-alkyl or C₁-C₁₂-alkyl which is substituted with one to five substituents selected from the group consisting of OH, halogen, CN, -N₃, -NO₂, C₃-C₈-Cycloalkyl which is optionally substituted with one to three C₁-C₆-alkyl groups, norbornylenyl-, C₃-C₈-Cycloalkenyl which is optionally substituted with one to three methyl groups; C₃-C₈-halocycloalkyl, C₁-C₁₂-alkoxy, C₁-C₆-alkoxy-C₁-C₆-alkoxy, C₃-C₈-cycloalkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₃-C₈-cycloalkylthio, C₁-C₁₂-haloalkylthio, C₁-C₁₂-alkylsulfinyl, C₃-C₈-cycloalkylsulfinyl, C₁-C₁₂-haloalkylsulfinyl, C₃-C₈-halocycloalkylsulfinyl, C₁-C₁₂-alkylsulfonyl, C₃-C₈-cycloalkylsulfonyl, C₁-C₁₂-haloalkylsulfonyl, C₃-C₈-halocycloalkylsulfonyl, -NR₄R₆, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, -P(=O)(OC₁-C₆-alkyl)₂, aryl, heterocyclyl, aryloxy, arylthio and heterocyclyloxy; wherein the aryl, heterocyclyl, aryloxy, arylthio and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, Halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-Cycloalkyl, C₁-C₁₂-Haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-Haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, Si(C₁-C₁₂-alkyl)₃, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, aryl, aryloxy, heterocyclyl and heterocyclyloxy; or

R₂ and R₃ together are a three- to seven-membered alkylen- or a four - to seven-membered alkenylenbridge, wherein one or two CH₂-groups may independently of each other be replaced by a group -C(=O)-, -C(=S)-, O, S, -NR₅, -OC(=O)-O-, -OC(=O)S-, -OC(=O)N(R₅)-, -C(=O)O-, -C(=O)S-, -C(=O)N(R₅)-, -N(R₅)C(=O)S-, -N(R₅)C(=O)N(R₅)-, and wherein the alkylene or alkenylenbridge may be independently of each other substituted with one or two substituents selected from the group consisting of C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenalkyl;

X is O, NR₅ or a bond;

Y is O or S;

Z is O, S or NR₅

R₄ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

R₅ is H, C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, benzyl or -C(=O)-C₁-C₁₂-alkyl;

R₆ is H, C₁-C₁₂-alkyl which is optionally substituted with halogen, C₁-C₆-alkoxy, CN, C₂-C₈-alkenyl, C₂-C₈-haloalkenyl, C₂-C₈-alkinyl, C₁-C₁₂-Haloalkenyl, -X-C(=Y)-R₉, -X-C(=Y)-Z-R₉, -SO₂-R₉, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl or C₁-C₆-haloalkoxy; or

R₄ and R₆ together are a three- to five membered alkylene bridge, wherein one of the methylene groups may be replaced by O, S or SO₂; and

R₉ is H, C₁-C₁₂-alkyl which is optionally substituted with one to five substituents selected from the group consisting of halogen, hydroxy, C₁-C₆-alkoxy and CN; C₂-C₈-alkenyl, C₂-C₈-alkinyl, aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl, heterocyclyl-C₁-C₁₂-alkyl; or aryl, heterocyclyl, aryl-C₁-C₁₂-alkyl or heterocyclyl-C₁-C₁₂-alkyl, which are – depending on the substitution possibilities – optionally substituted in the ring with one to five substituents selected from the group consisting of halogen, C₁-C₆-alkoxy, C₁-C₆-haloalkyl and C₁-C₆-haloalkoxy;

and, where applicable, to E/Z isomers, mixtures of E/Z isomers and/or tautomers, in each case in free form or in salt form;

with the proviso, that the compound is not an Avermectin B1a or B1b derivative when n is 1, R₃ is H, and R₂ is -CH₂-CH₂-OCH₃ or -CH₂-CH₂-O-phenyl; is not the B1a or B1b derivative when n is 2, R₃ is H, and R₂ is -CH₂-CH₂-O-phenyl; is not the B1a or B1b derivative when n is 1, and R₂ and R₃ together are unsubstituted -CH₂-CH₂-CH₂-; and is not the B2a or B2b derivative when n is 1, R₃ is H, and R₂ is -CH₂-CH₂-OCH₃.

Claim 2. (Original): A compound according to claim 1 of the formula (I) in the free form.

Claim 3. (Currently Amended): A compound according to ~~any one of claims 1 or 2~~ claim 1 of the formula (I), wherein ~~wherein~~ R₃ is methyl.

Claim 4. (Currently Amended): A compound according to ~~any one of claims 1 or 2~~ claim 1 of the formula (I), wherein ~~wherein~~ R₃ is C₃-C₈-alkyl.

Claim 5. (Currently Amended): A compound according to ~~any one of claims 1 or 2~~ claim 1 of the formula (I), wherein ~~wherein~~ wherein R₃ is C₁-C₈-alkyl which is substituted with one to five substituents selected from the group consisting of OH, halogen, CN, -N₃, -NO₂, C₃-C₈-cycloalkyl which is optionally substituted with one to three C₁-C₆-alkyl groups, norbornylenyl-, C₃-C₈-Cycloalkenyl which is optionally substituted with one to three methyl groups; C₃-C₈-halocycloalkyl, C₃-C₈-cycloalkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, aryl, heterocyclyl, arylthio or heterocyclyloxy; wherein the aryl, heterocyclyl, arylthio and heterocyclyloxy groups are optionally – depending on the substitution possibilities on the ring – substituted with one to five substituents selected from the group consisting of OH, Halogen, CN, NO₂, C₁-C₁₂-alkyl, C₃-C₈-cycloalkyl, C₁-C₁₂-haloalkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-haloalkylthio, C₁-C₆-alkoxy-C₁-C₆-alkyl, C₂-C₈-alkenyl, C₂-C₈-alkinyl, Si(C₁-C₁₂-alkyl)₃, -X-C(=Y)-R₄, -X-C(=Y)-Z-R₄, aryl, aryloxy, heterocyclyl and heterocyclyloxy.

Claim 6. (Original): A pesticide which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.

Claim 7. (Original): A method for controlling pests wherein a composition as described in claim 6 is applied to the pests or their habitat.